

# DC Power Supply

## Single Output, 0-60V / 0-3A



### Characteristics:

- Complete digital control / programmable
- 10mV / 1mA resolution
- Low noise and ripple
- CV / CC constant voltage and constant current modes
- OCP and OVP settings, constant protection mode
- 5 sets of parameters can be stored and recalled
- Output switch control
- Power-off memory function
- Keyboard lock function
- Interfaces: RS232, USB

### Specifications:

|                               |  |
|-------------------------------|--|
| Voltage Range / Current Range | 0-60V / 0-3A adjustable  |
| Load Regulation               | Voltage: $\leq 0.01\% + 2\text{mV}$ / Current: $\leq 0.1\% + 5\text{mA}$   |
| Line Regulation               | Voltage: $\leq 0.01\% + 3\text{mV}$ / Current: $\leq 0.1\% + 3\text{mA}$   |
| Setup Resolution              | Voltage: 10mV / Current: 1mA   |
| Setup Accuracy                | Voltage: $\leq 0.5\% + 30\text{mV}$ / Current: $\leq 0.5\% + 5\text{mA}$   |
| Ripple(20Hz-20M)              | Voltage: $\leq 1\text{mV rms}$ / Current: $\leq 3\text{mA rms}$  |
| Temp. Coefficient             | Voltage: $\leq 100\text{ppm} + 10\text{mV}$ / Current: $\leq 100\text{ppm} + 5\text{mA}$   |
| Read Back Accuracy            | Voltage: 10mV / Current: 1mA   |
| Read Back Temp. Coefficient   | Voltage: $\leq 100\text{ppm} + 10\text{mV}$ / Current: $\leq 100\text{ppm} + 5\text{mA}$   |
| Reaction Time(10% Rated load) | Voltage: $\leq 100\text{mS}$ / Current: $\leq 100\text{mS}$  |
| Operation Environment         | Indoor use<br>Altitude: $\leq 2,000\text{m}$<br>Ambient temperature: $0^\circ\text{C}$ to $40^\circ\text{C}$<br>Relative humidity: $\leq 80\%$ |
| Input Voltage                 | 230V $\pm 10\%$ , 50Hz   |
| Accessories                   | User manual, 1 $\times$ UK power cord and 1 $\times$ Euro power cord (1.2M), USB cord (1.2M)   |
| Weight and Dimension          | 4.6kg / 110(W)*156(H)*260(D)   |
| Storage Environment           | Ambient temperature: $-10^\circ\text{C}$ to $+70^\circ\text{C}$<br>Relative humidity: $\leq 70\%$  |

### Part Number Table

| Description                               | Part Number |
|---|-------------|
| Programmable DC power supply, 0-60V, 0-3A | 72-2550     |

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